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CENTRAL FAX CENTER****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****OCT 28 2004**

Applicant: Bellaouar  
Serial No: 09/706,068  
Filed: 11/3/2000  
For: USING AN IF SYNTHESIZER TO PROVIDE RASTER COMPONENT OF  
FREQUENCY CHANNEL SPACING

Docket No: TI-31011  
Examiner: Chang, Edith M.  
Art Unit: 2634

**AMENDMENT UNDER 37 C.F.R. § 1.115**

Assistant Commissioner For Patents  
Washington, DC 20231

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following papers are being  
transmitted by facsimile to the U.S. Patent and Trademark  
Office at 703-872-9306 on 10-28-04:

*Tommie Chambers*  
Tommie Chambers

Dear Sir:

Responsive to the Office Action mailed August 10, 2004 in connection with the  
above identified application, Applicants respectfully submit the following remarks.

To: **Technology Unit: 2634**  
**Facsimile Number: 703-872-9306**

Total Pages Sent 5

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**CENTRAL FAX CENTER**

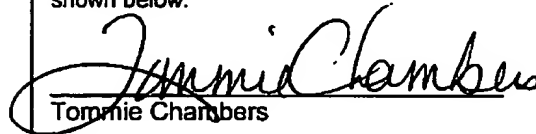
OCT 28 2004

From: **W. Daniel Swayze, Jr.**  
**Texas Instruments Incorporated**  
**Facsimile: 972-917-4418**  
**Phone: 972-917-5633**

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October 28, 2004  
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**FACSIMILE COVER SHEET**

<input checked="" type="checkbox"/> <b>FACSIMILE COVER SHEET</b>	<input checked="" type="checkbox"/> <b>AMENDMENT 116</b> <u>(4 Pages)</u>
<input type="checkbox"/> <b>NEW APPLICATION</b>	<input type="checkbox"/> <b>EOT</b> <u>(# Month)</u>
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<b>NAME OF INVENTOR(S):</b> Bellaouar	
<b>TITLE OF INVENTION:</b> <b>USING AN IF SYNTHESIZER TO PROVIDE</b> <b>RASTER COMPONENT OF FREQUENCY</b> <b>CHANNEL SPACING</b>	
<b>TI FILE NO.:</b> <b>TI-31011</b>	<b>DEPOSIT ACCT. NO.:</b> <b>20-0668</b>
<b>FAXED: 10/28/2004</b> <b>DUE: 10/10/2004</b> <b>ATTY/SECY: WDS/tc</b>	
<b>RECEIPT DATE &amp; SERIAL NO.:</b> <b>Serial No.: 09/706,068</b> <b>Filing Date: 11/3/2000</b>	

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